

MECHATROLINK Master product connectivity data sheet (Year) 2008 /(Month) 2 /(Day) 8

Name of Company	MYCOM, INC.
Model	PCI-bus Host controller board
Product type	MLH20-1030
Version	Board:1.00 DLL:Windows 1.1.0.1,INtime 1.0.0.1

1.Supported Specification: Check the supported specification.

:Mandatory spec :One of specifications are supported. :Optional spec

				Category 3	Category 2	Category 1
Communication specification	Protocol	MECHATROLINK-I	17byte	X		
		MECHATROLINK-II	17byte	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			32byte	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Transmission Cycle	MECHATROLINK-I	2ms	X		
			1ms	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		MECHATROLINK-II	2ms	X	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
			Other supported transmission cycles	250us-8ms		
Supported slave device	Servo driver			X	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Stepping motor driver			X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Intelligent I/O			X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Simple I/O			X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Inverter			X	<input type="checkbox"/>	<input type="checkbox"/>
Communication type	Synchronous			X	<input type="checkbox"/>	<input type="checkbox"/>
	Asynchronous			X	<input type="checkbox"/>	<input type="checkbox"/>

2.Supported commands: Check the supported command.

Command Group	Command	Supported	Command Group	Command	Supported	Command Group	Command	Supported	
Common	NOP	X	Simple I/O	MDS	X	Inverter	INV_CTL	X	
	PRM_RD	X		CDRW	X		INV_I/O	X	
	PRM_WR	X	Intelligent I/O	DATA_RWA	X				
	ID_RD	X		DATA_RWS	X				
	CONFIG	X		SMON	X				
	ALM_RD	X		SV_ON	X				
	ALM_CLR	X		SV_OFF	X				
	SYNC_SET	X		INTERPOLATE	X				
	CONNECT	X		POSING	X				
	DISCONNECT	X		FEED	X				
	PPRM_RD	X		Servo/stepping	LATCH	X			
	PPRM_WR	X			EX_POSING	X			
	POS_SET	X	ZRET		X				
	BRK_ON	X	VELCTRL		X				
	BRK_OFF	X	TROCTRL		X				
	SENS_ON	X	ADJ		X				
	SENS_OFF	X	LTMOD_ON		X				
	HOLD	X	LTMOD_OFF		X				

3.Supported Slave devices list (However, it does not guarantee operation of the indicated slave device.)

No.	Name of Company	Product type	Connection conditions	Note
1	MYCOM, INC	MLN50-110		
2	MYCOM, INC	MLN50-120		
3	MYCOM, INC	MLU504-030		
4	MYCOM, INC	MLU504-130		
5	YASKAWA Electric Corporation	Σ -III Series SGDS		
6	OMRON Corporation	AC Servo Driver R88D-WN□-ML2		
7	ORIENTAL MOTOR CO., LTD	α STEP AS Series ASD□□-□ME		
8	Harmonic Drive Systems.Inc	HA-680ML Series		
9	YASKAWA Electric Corporation	JEPMC-IO2310		
10	YASKAWA Electric Corporation	VS mini V7 Series		

